INTERNATIONAL SEARCH REPORT

IB2004/052419

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B26B19/38								
	o International Patent Classification (IPC) or to both national classification	ation and IPC						
Minimum do	ocumentation searched (classification system followed by classification	on symbols)						
IPC 7	B26B							
Documentat	ion searched other than minimum documentation to the extent that s	uch documents are included in the fields se	arched					
	ata base consulted during the International search (name of data bas	se and, where practical, search terms used)						
EPO-In	ternal							
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.					
χ	WO 03/068466 A (MATSUSHITA ELECTR	RIC WORKS.	1,2,4,5,					
	LTD; SAITO, ATSUHIRO; KATO, HIROK IWASA) 21 August 2003 (2003-08-21	(AZU;	8,9,11,					
,	page 9, paragraph 2 - page 11, pa	ragraph 1	12,15					
	page 14, paragraph 2; figures 1-4	1,6,11,12						
Х	US 3 103 299 A (WERFT AUGUST R) 10 September 1963 (1963-09-10)		1,4,5,					
	column 2, lines 5-34; figure 2		12,15					
A	US 2002/032964 A1 (WESTERHOF WILL	EM A ET	1					
	AL) 21 March 2002 (2002-03-21) paragraphs '0043! - '0046!; figur	eac 1 3 /	-					
		23 1,3,4						
<u> </u>			•					
	<u> </u>							
	ner documents are listed in the continuation of box C.	Y Patent family members are listed in	annex.					
! `	tegories of cited documents: ent defining the general state of the art which is not	"T" later document published after the inter or priority date and not in conflict with t	he application but					
consid	lered to be of particular relevance document but published on or after the International	cited to understand the principle or the invention "X" document of particular relevance; the classical contents of the cl						
filing d "L" docume	ent which may throw doubts on priority claim(s) or	cannot be considered novel or cannot li involve an inventive step when the doc	be considered to ument is taken alone					
citation "O" docume	n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	"Y" document of particular relevance; the classification cannot be considered to involve an involve document is combined with one or more	entive step when the e other such docu-					
other r	means ant published prior to the international filing date but	ments, such combination being obvious in the art.	s to a person skilled					
	nan the priority date claimed actual completion of the international search	"&" document member of the same patent for Date of mailing of the international seam						
9	February 2005	17/02/2005						
Name and r	mailing address of the ISA	Authorized officer						
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,	Dattanhangan D						
1	Fax: (+31-70) 340-3016	Rattenberger, B						

INTERNATIONAL SEARCH REPORT

IB2004/052419

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03068466	A	21-08-2003	JP	2003236270 A	26-08-2003
			JP	2003236271 A	26-08-2003
			JP	2003290573 A	14-10-2003
			JP	2004113397 A	15-04-2004
			AU	2003206137 A1	04-09-2003
			EP	1474272 A1	10-11-2004
			WO	03068466 A1	21-08-2003
US 3103299	Α	10-09-1963	US	3252217 A	24-05-1966
US 2002032964	A1	21-03-2002	AT	283750 T	15-12-2004
			AT	194790 T	15-08-2000
			CN	1199359 A ,C	18-11-1998
			CN	1199360 A ,C	18-11-1998
			DE	69702592 D1	24-08-2000
			DE	69702592 T2	15-03-2001
			DE	69731812 D1	05-01-2005
			EP	1462225 A1	29-09-2004
			EP	0857101 A1	12-08-1998
			EP	0858384 A1	19-08-1998
			EP	0861142 A1	02-09-1998
			ES	2150268 T3	16-11-2000
			MO	9808659 A1	05-03-1998
			WO WO	9808660 A1 9808661 A1	05-03-1998 05-03-1998
			JP	11514562 T	14-12-1999
			JP	2002514951 T	21-05-2002
			JP	2002514951 7 2000500055 T	11-01-2000
			ÜS	6126669 A	03-10-2000
			US	5993180 A	30-11-1999
			US	6308413 B1	30-10-2001
			US	6312436 B1	06-11-2001
			AT	246576 T	15-08-2003
			DE	69816960 D1	11-09-2003
			DE	69816960 T2	17-06-2004
			EP	0930960 A1	28-07-1999
			ËS	2202822 T3	01-04-2004
			WO	9855274 A1	10-12-1998
			JP	2000516124 T	05-12-2000
			US	6131288 A	17-10-2000
			US	RE38634 E1	26-10-2004